ZyXEL

# Robust, Ultra High-speed ADSL2+ Security Gateway for SOHO Networks

- ADSL2/2+ READSL Support
- Firewall and IPSec VPN Security
- Auto Fail-over and Fall-back WAN Backup

## Benefits

### Advanced ADSL2+ High-Speed Internet Access

The P-662H/HW-D Series is compatible with high-speed ADSL, ADSL2 and ADSL2+ interfaces over existing copper lines. With speeds of up to 12Mbps (ADSL2) or 24Mbps (ADSL2+), the P-662H/HW-D series offers higher data transfer rates and better bandwidth than traditional ADSL gateways. It also supports RE ADSL (Reach Extended ADSL) for higher speed and longer distance. For Wireless model is empowered by ZyXEL Wireless g+ SuperSpeed Technology, the P-662HW-D Series delivers the higher wireless transmission rate that makes extending wired network with efficiency and mobility.

### Robust Firewall Security and IPSec VPN

The ICSA-compliant ZyNOS operating system ensures state-of-art firewall performance and robust security on the P-662H/HW-D Series. Based on Stateful Packet Inspection, DoS (Denial of Service) and DDoS features, it provides the first line of defense against hackers, network intruders, and other malicious threats. Furthermore, its VPN feature supports data encryption over the Internet to ensure secure data transmission between two sites, and replaces expensive leased lines, allowing global interconnectivity with minimal expense.

### Auto Fail-over and Fall-back WAN Backup Solution

The P-662H/HW-D Series features a Fail-over and Fall back WAN Backup Solution for complete reliability. When the DSL connection fails, traffic is forwarded to either a backup ISDN or analog modem to maintain data transfer. When the DSL connection is re-established, traffic is fully restored. The P-662H/HW-D Series also performs backup functions by redirecting traffic to a specific gateway to ensure availability of the Internet. The WAN Backup Solution saves device maintenance cost and reduces loss from daily operation.

ADSL2+ 4-port Security Gateway

P-662H/HW-D SERIES

Dial Backup | Firewall | VPN

ROUTER

ZyXEL

ADSL2+ 4-port Security Gateway

P-662H/HW-D SERIES

# Specifications

## ADSL
- Support Multi-Mode standard (ANSI T1.413, Issue 2; G.dmt (G.992.1); G.lite (G992.2))
- EOC specified in ITU-T G.992.1
- ADSL2 G.dmt.bis (G.992.3)
- ADSL2 G.lite.bis (G.992.4)
- ADSL2+ (G.992.5)
- Reach-ExtendedADSL (RE ADSL)

## Router
- IEEE 802.1d Transparent Bridging
- IP Routing: TCP, UDP, ICMP, ARP
- RIP1v1 and RIPv2
- IP Multicast IGMP v1/v2

## IP Management
- SUA/Multi-NAT Internet Sharing
- Multimedia Support
- DHCP Server/Relay/Client
- DNS Proxy
- Dynamic DNS
- UPnP Support

## Network Management
- Web based Configuration
- Command-line Interpreter (CLI)
- Telnet Remote Management
- SNMP Support
- FTP/TFTP firmware upgrade and configuration backup/restore
- Built-in Diagnostic Tool

## Wireless (For P-662HW-D series only)
- 802.11g Compliance
- 802.11g+ support
- Wired Equivalent Privacy (WEP) Data Encryption 64/128/256 bit
- Dynamic WEP Key
- MAC Address filter
- WPA, WPA-PSK/TKIP, WPA2
- Support IEEE 802.1x

## Firewall Security
- Stateful packet Inspection
- Prevent DoS, DDoS
- DMZ for public server
- Keyword blocking

## Virtual Private Network
- 20 IPSec VPN tunnels
- AES
- NETBIOS pass-through for IPSec
- IPSec VPN keep-alive
- IPSec NAT Traversal
- IPSec PKI

## Other Features
- Zero configuration
- Traffic Redirect
- Dial backup
- Support IGMP proxy
- Multilingual Web Configurator
- TR-069 compliance
- Media Bandwidth Management (MBM)
- Content Access Control

## Hardware
- ADSL: One RJ-11 or RJ-45 Port
- LAN: 4-Port Switch, 10/100M Auto MDI/MDIX
- Antenna: 5dBi detachable antenna 1
- Console/AUX: RJ45 Port
- CON/AUX Switch
- Reset Button
- Status LEDs Indicator
- Power: 12V AC

## Physical Specifications
- Dimensions: 180 (W) x 128 (D) x 36 (H) mm
- Net Weight: 360 g

## Environmental Specifications
- Operation Environment
  - Temperature: 0°C ~ 40°C
  - Humidity: 20% ~ 85% (non condensing)
- Storage Environment
  - Temperature: -20°C ~ 60°C
  - Humidity: 10% ~ 90% (non condensing)

## Certifications and Warranty
- Certifications: FCC, CE
- Warranty: Two years

** When the Wireless g+ SuperSpeed technology is enabled, the theoretical data rate can reach up to 125Mbps among Wireless g+ SuperSpeed-enabled access points and clients. Actual performance may vary depending on different operating environments.*

# Product Description

**P-662H-D1**
ADSL2+ 4-port Security Gateway over POTS

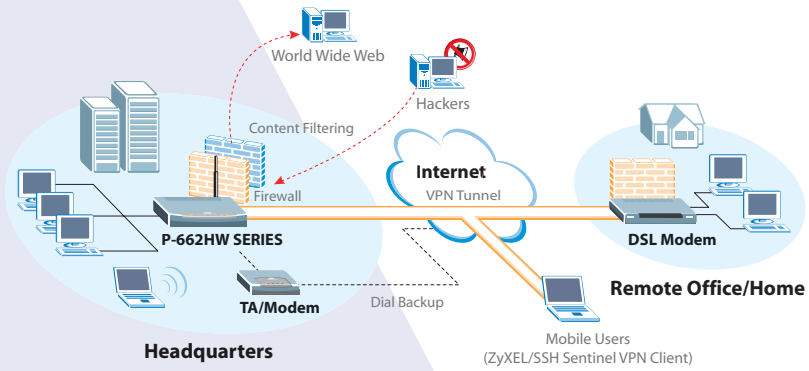
**P-662H-D3**
ADSL2+ 4-port Security Gateway over ISDN

**P-662HW-D1**
802.11g Wireless ADSL2+ 4-port Security Gateway over POTS

**P-662HW-D3**
802.11g Wireless ADSL2+ 4-port Security Gateway over ISDN

# Application Diagram

■ **Firewall/VPN Application**

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